

SUBJECT INDEX

Vol. 121C, Nos. 1-3

- Ah receptor, 23
 Allene oxide, 5
 Alligator, 85, 405
 Annelid, 173
 Annelida, 173
 Anthozoa, 371
 ARNT, 23
 Aromatase, 85
 Aryl hydrocarbon receptor, 23
 Avian, 65
 Avian embryos, 213
- B(a)P, 321
 BaP, 241
 Basic helix-loop-helix, 23
 Benzo(a)pyrene, 157
 Benzo[a]pyrene hydroxylase, 139
 Benzo(k)fluoranthene, 213
 Bioactivation, 185
 Biomarker, 289
 Biotransformation, 185
 Biotransformation enzyme, 351
 Bird, 221
 Bivalve, 351
 Bluegill, 297
 BPH, 321
- Camel tissues, 205
Carcinus aestuarii, 321
 Catalysis, 5
 Catfish, 297
 CDNA cloning, 351
 Channel catfish, 305
 Chick, 405
 Chicken, 213
 Chickens, 73
 Chloroquine resistance, 181
 Ciprofibrate, 297
 Clofibrate, 297
 Clofibric acid, 305
 Cnidaria, 371
 Crabs, 157
 Crayfish, 157
 Cricetidae, 55, 197
 Crustacea, 157
 Crustacean cytochrome P450, 157
 Crustaceans, 321
 CYP30, 351
 CYP19, 107
 CYP17, 107
 CYP, 107
 CYP1A, 213, 289, 405
 CYP11A, 107
 CYP3A27, 107
 CYP1A3, 107
 CYP1A2, 107
 CYP1A1, 107
 CYP1A subfamily, 231
 CYP1B, 231
 CYP forms, 361
 CYP2K4, 107
 CYP2K3, 107
 CYP2K1, 107
 CYP2L1, 157
 CYP2M1, 107
 CYP4T1, 107
- Cytochrome, 173
 Cytochrome P450, 333, 351, 361, 405
 Cytochrome P-450, 321
 Cytochrome P450, 221, 241, 267, 297, 305, 311
 Cytochrome P450, 371
 Cytochrome P450, 15, 65, 73, 107, 139, 181
 Cytochrome P4501A1, 249
 Cytochrome P450 1A1, 23
 Cytochrome P450 forms, 277
 Cytochrome P450 isoenzymes, 205
 Cytochrome P450 system, 339
 Cytochromes P450, 85
- Dehydrase, 5
 Dehydrogenase, 5
 Developmental differences, 305
 Dibutyltin, 277
Dicentrarchus labrax, 241
 Digestive gland, 361
 Dioxin, 23
 Divergence, 231
 DNA sequence, 351
 Domestic fowl, 65
Drosophila melanogaster, 311
 Duck, 213, 405
- Ecdysteroids, 157
 Echinoderms, 139
 Eelpout, 289
Eisenia f. fetida, 339
Enchytraeus crypticus, 339
 Endocrine disrupters, 277
 EROD, 213, 289, 321, 333, 339, 371
 Erythromycin, 157
 Ethanol, 305
 Ethoxycoumarin, 311
 Ethoxyresorufin, 311
 Ethoxyresorufin O-deethylase, 249
 Evolution, 15, 23, 185
 Expression cloning, 351
- Fenitrothion exposure, 333
 Fish, 249, 277
 Flagellates, 181
 Flavin-containing monooxygenase, 185
 Frog, 85
 Fungicide, 221
- GC-MS, 297
 Genotoxicity, 385
 Glucuronidation, 267
- Hepatocytes, 73, 267
 Hepatopancreas, 157
 HPLC, 297
 Hydroxylation, 311
- Immunochemical analysis, 361
 Induction, 65, 139, 157, 311
 Insecta, 147
 Insecticide, 311
 Insecticide resistance, 147
 Interaction, 289
 Invertebrate cytochrome P450, 157
- Invertebrates, 371
 In vitro biotransformation, 385
 Iron-oxo, 5
 Isomerase, 5
 Isosafrole, 289
- Kidney, 221
- Lauric acid, 311
 Lauric acid hydroxylation, 297
 Leaping mullet, 249
 Liver slices, 267
 Lizard, 85
Liza saliens, 249
 Lobsters, 157
- Mammalian lineage, 231
 Metabolism, 267, 333
 MFO, 371
Microtus, 55
 Molecular cloning, 241
 Monobutyltin, 277
 Monooxygenase, 65
 Mono-oxygenases, 267
 Monooxygenase system, 139
 Mussel, 361
Mytilus edulis, 361
Mytilus galloprovincialis, 361
- NADPH-cytochrome C reductase, 339
 NADPH-cytochrome P450 reductase, 157
 β -Naphthoflavone, 267, 289, 305
 Nematodes, 181
 Northern blot, 351
- Oligochaete, 173
Oncorhynchus mykiss, 107
 Orbetello Lagoon, 321
 Osmoregulation, 185
 Oxidative deformylation, 5
 Oxygenase, 173
- P-450, 173
 PAH-induction, 339
 Parasites, 181
 PAS domain, 23
 3,3',4,4',5-Pentachlorobiphenyl, 213
 PentROD, 339
Peromyscus, 55
 Peroxidase, 5
 Peroxisome proliferating agent, 297
 Phenobarbital, 197
 Phylogenetic analyses, 231
 P450 induction, 55, 197
 Plant allelochemical tolerance, 147
 Plant-insect interactions, 147
 Platyhelminths, 181
 P450 monooxygenase diversity, 147
 Polychaete, 173
 Polycyclic aromatic hydrocarbons, 241
Procambarus clarkii, 333
 Purification, 249
 Purification of cytochrome P450, 339
- Rainbow trout, 107, 289
 Rat, 221

Subject Index

Reithrodontomys, 55
Residue patterns, 385
Resistance, 311
Retene, 289
RT-PCR, 241

Scup, 405
Sea anemone, 371
Sea bass, 241
Sex differences, 305
Shrimp, 157
Sigmodon, 55
Sigmodon hispidus, 197
Snake, 85

Sporozoa, 181
Steroid metabolism, 139

Teleost, 241
Terrestrial annelids, 339
Testosterone, 221, 311
3,3',4,4'-Tetrachlorobiphenyl, 289
2,3,7,8-Tetrachlorodibenzo-*p*-dioxin, 213
Toxaphene®, 385
Tributyltin, 277
Trimethylamine, 185
Triphenyltin, 277
Trout, 267
Turkey, 213

Turtle, 85

Urodele, 85
Uroporphyrin, 405
Uroporphyrinogen, 405

Venice Lagoon, 321, 361
Vertebrate lineages, 231

Wildlife, 385

Xenobiotic, 65
Xenobiotic metabolism, 205, 371

AUTHOR INDEX *Vol. 121C, Nos. 1-3*

Abou-Donia, M. B., 73
Achazi, R. K., 339
Ahmed, I., 205
A. Lubet, R., 55
Amichot, M., 241, 311
Arinç, E., 249

Babault, M., 311
Badger, T. M., 221
Barrett, J., 181
Bergé, J. B., 311
Bergé, J.-B., 241
Boon, J. P., 385
Boyle, S. M., 157
Bride, J. M., 311
Brown, D. J., 351
Brun, A., 311
Brunström, B., 213
Buhler, D. R., 107, 297

Casini, S., 321
Celandier, M., 221
Clark, G. C., 351
Cravedi, J. P., 267
Cuany, A., 311

de Boer, J., 385
Dekker, M., 385
den Besten, P. J., 139
De Souza, G., 311

Elangbam, C. S., 55
Ertl, R. P., 85
Escartin, E., 333

Fent, K., 277
Flenner, C., 339
Förlin, L., 289
Fossi, M. C., 321

Gorman, N., 405
Govers, B., 385
Gupta, R. P., 73

Haasch, M. L., 297
Hahn, M. E., 23
Halldin, K., 213
Heffernan, L. M., 371
Helle, M. S., 385
Henderson, M. C., 297
Henneman, J. R., 197
Hillebrand, M. T. J., 385

James, M. O., 157
John, A., 205
Jones, C. R., 197

Karchner, S. I., 231
Klamer, H. J. C., 385

Lafaurie, M., 241
Lakhani, M. S., 205
Lee, R. F., 173
Le Mouél, T., 311
Liu, N., 147
Livingstone, D. R., 1, 339, 361
Lochmiller, R. L., 55
Lubet, R. A., 197

Mansuy, D., 5
Montague, W., 205
Morrison, H. G., 231
Morse, D., 385

Nasci, C., 361
Nelson, D. R., 15
Nims, R. W., 55, 197

Paris, A., 267
Pastor, D., 385

Perdu-Durand, E., 267
Perkins, E. J., 305
Peters, L. D., 339, 361
Porte, C., 333

Qualls, C. W., Jr., 55

Rahmani, R., 311
Raza, H., 205
Roex, E., 385
Ronis, M. J. J., 221
Ronisz, D., 289

Salaün, J. P., 311
Savelli, C., 321
Schaub, K., 339
Scheiwe, E., 339
Schlenk, D., 185, 305
Scott, J. G., 147
Sen, A., 249
Sinclair, J. F., 405
Sinclair, P. R., 405
Sleiderink, H. M., 385
Sogin, M. L., 231
Stegeman, J. J., 1, 231, 277
Stien, X., 241

Van Beneden, R. J., 351
van Schanke, A., 385

Walker, C. H., 65
Walton, H. S., 405
Wang-Buhler, J.-L., 107
Weil, E. J., 231
Wen, Z., 147
Wester, P. G., 385
Winston, G. W., 85, 371
W. Lish, J., 55
Woodin, B. R., 277

